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State of Ohio Environmental Protection Agency

Southwest District Office

FERNALD

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E-0298

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Jennette Bradley, Lt. Governor
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Bob Taft, Governor

FILE: 6446.3E1

December 24, 2003

Mr. William J. Taylor
U.S. Department of Energy, Fernald Area Office
P.O. Box 538705
Cincinnati, OH 45253-8705**RE: CONCURRENCE TO USE GCL THAT DOESN'T REQUIRE LOOSE BENTONITE**

Dear Mr. Taylor:

This letter provides Ohio Environmental Protection Agency concurrence with the use of a new geosynthetic clay liner product which does not require the use of loose granular bentonite to seal the overlaps between adjacent panels. The new gcl is Bentomat SuperGrove, a trademarked product manufactured by CETCO. We agree that this product complies with the original design which specified that the use of loose or powdered bentonite to seal seams should be performed in accordance with the manufacturer's recommendations.

The OSDF Construction Quality Assurance Plan should be changed to accommodate use of the new product. A provision should be added to inspect the gcl for the presence of the groove either continuously as it is deployed or by spot checking at several intervals along the panel length.

Should you have any questions, please contact Tom Ontko or me.

Sincerely,

FOR
Thomas A. Schneider
Fernald Project Manager
Office of Federal Facilities Oversightcc: Jim Saric, U.S. EPA
Terry Hagen, Fluor Fernald
Mark Shupe, GeoTrans, Inc.
Michelle Cullerton, Tetra Tech EM Inc.
Ruth Vandergrift, ODH

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